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CLAIMS

What is claimed is:

- 5 1. A method of determining the effectiveness of a composition to inhibit herpes simplex virus infection reactivation, comprising the steps of:
- a) obtaining one or more animals;
 - b) creating an abrasion on the animal;
 - c) inoculating the animal with herpes simplex virus by application of a composition
 - 10 comprising herpes simplex virus to the abrasion, thereby resulting in a primary herpes simplex virus infection in the animal;
 - d) allowing the abrasion to heal and the primary herpes simplex virus infection to resolve;
 - e) administering a composition to be tested for inhibition of herpes simplex virus
 - 15 infection reactivation to the animal;
 - f) exposing the area of abrasion to radiation; and
 - g) determining whether the herpes simplex virus infection is reactivated.
- 20 2. A method of determining the effectiveness of a composition to inhibit herpes simplex virus infection, comprising the steps of:
- a) obtaining one or more animals;
 - b) administering a composition to be tested for inhibition of herpes simplex virus infection to the animal;
 - c) creating an abrasion on the animal;
 - 25 d) inoculating the animal with herpes simplex virus by application of a composition comprising herpes simplex virus to the abrasion; and
 - e) determining whether a herpes simplex virus infection resulted.

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- d) allowing the abrasion of each animal to heal and the primary herpes simplex virus infection to resolve;

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f) exposing the area of abrasion of each animal to radiation; and

- g) determining the rate of reactivation of the herpes simplex virus infection for each dose.

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12. The method of claim 4, wherein at least two different selected doses are employed, with each animal administered one selected dose.

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13. The method of claim 4, wherein the composition to inhibit herpes simplex virus infection reactivation comprises one or more active ingredients, and the quantity of active ingredient for each selected dose is varied.

- 5 14. The method of claim 2, further comprising the steps of:
- f) allowing the abrasion to heal;
 - g) exposing the area of abrasion to ultraviolet radiation; and
 - h) determining whether a herpes simplex virus infection is reactivated.

- 10 15. The method of claim 5, wherein the ultraviolet protectant is a topical composition administered to at least one area of abrasion of the animal.

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